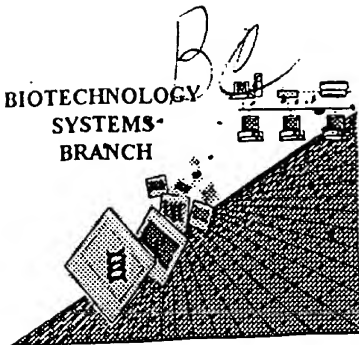


RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/357815
Source: PCT 09
Date Processed by STIC: 10/29/01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-421

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/857815

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY P1

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length. Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents
- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or Artificial Sequence
- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH - Biotechnology Systems Branch - 08/21/2001

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

PCT09

RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:54

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

2 <110> APPLICANT: Takeda Chemical Industries, Ltd.
W--> 3 <120> TITLE OF INVENTION: Betacellulin Mutein
W--> 4 <130> FILE REFERENCE: 2576W00P
C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/857,815
C--> 5 <141> CURRENT FILING DATE: 2001-06-08
5 <150> PRIOR APPLICATION NUMBER: JP 10-350377
6 <151> PRIOR FILING DATE: 1998-12-09
7 <150> PRIOR APPLICATION NUMBER: JP 11-55326
8 <151> PRIOR FILING DATE: 1999-03-03
W--> 9 <160> NUMBER OF SEQ ID: 56
W--> 10 <210> SEQ ID NO: 1
11 <211> LENGTH: 77
12 <212> TYPE: PRT
13 <213> ORGANISM: Artificial Sequence
W--> 14 <220> FEATURE:
W--> 14 <223> OTHER INFORMATION:
W--> 14 <400> SEQUENCE: 1
15 Asp Gly Asn Ser Thr Arg Ser Pro Glu Thr Asn Gly Leu Leu Cys Gly
16 1 5 10 15
17 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
18 20 25 30
19 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
20 35 40 45
21 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
22 50 55 60
23 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp
24 65 70 75
25 <210> SEQ ID NO: 2
26 <211> LENGTH: 76
27 <212> TYPE: PRT
28 <213> ORGANISM: Artificial Sequence
W--> 29 <220> FEATURE:
W--> 29 <223> OTHER INFORMATION:
W--> 29 <400> SEQUENCE: 2
30 Asp Gly Asn Ser Thr Arg Ser Pro Glu Thr Asn Gly Leu Leu Cys Gly
31 1 5 10 15
32 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
33 20 25 30
34 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
35 35 40 45
36 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
37 50 55 60
38 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val
39 65 70 75
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 47
42 <212> TYPE: PRT

Does Not Comply
Corrected Diskette Needed

3 Errors

3 Errors

RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:54

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

43 <213> ORGANISM: Artificial Sequence

W--> 44 <220> FEATURE:

W--> 44 <223> OTHER INFORMATION:

W--> 44 <400> SEQUENCE: 3

45	Arg	Lys	Gly	His	Phe	Ser	Arg	Cys	Pro	Lys	Gln	Tyr	Lys	His	Tyr	Cys
46	1				5					10					15	
47	Ile	Lys	Gly	Arg	Cys	Arg	Phe	Val	Val	Ala	Glu	Gln	Thr	Pro	Ser	Cys
48				20					25					30		
49	Val	Cys	Asp	Glu	Gly	Tyr	Ile	Gly	Ala	Arg	Cys	Glu	Arg	Val	Asp	
50			35					40					45			

51 <210> SEQ ID NO: 4

52 <211> LENGTH: 46

53 <212> TYPE: PRT

54 <213> ORGANISM: Artificial Sequence

W--> 55 <220> FEATURE:

W--> 55 <223> OTHER INFORMATION:

W--> 55 <400> SEQUENCE: 4

56	Arg	Lys	Gly	His	Phe	Ser	Arg	Cys	Pro	Lys	Gln	Tyr	Lys	His	Tyr	Cys
57	1				5					10					15	
58	Ile	Lys	Gly	Arg	Cys	Arg	Phe	Val	Val	Ala	Glu	Gln	Thr	Pro	Ser	Cys
59				20					25					30		
60	Val	Cys	Asp	Glu	Gly	Tyr	Ile	Gly	Ala	Arg	Cys	Glu	Arg	Val		
61			35					40					45			

62 <210> SEQ ID NO: 5

63 <211> LENGTH: 79

64 <212> TYPE: PRT

65 <213> ORGANISM: Artificial Sequence

W--> 66 <220> FEATURE:

W--> 66 <223> OTHER INFORMATION:

W--> 66 <400> SEQUENCE: 5

67	Asp	Gly	Asn	Ser	Thr	Arg	Ser	Pro	Glu	Thr	Asn	Gly	Leu	Leu	Cys	Gly
68	1				5					10					15	
69	Asp	Pro	Glu	Glu	Asn	Cys	Ala	Ala	Thr	Thr	Thr	Gln	Ser	Lys	Arg	Lys
70				20					25					30		
71	Gly	His	Phe	Ser	Arg	Cys	Pro	Lys	Gln	Tyr	Lys	His	Tyr	Cys	Ile	Lys
72			35					40					45			
73	Gly	Arg	Cys	Arg	Phe	Val	Val	Ala	Glu	Gln	Thr	Pro	Ser	Cys	Val	Cys
74		50					55					60				
75	Asp	Glu	Gly	Tyr	Ile	Gly	Ala	Arg	Cys	Glu	Arg	Val	Leu	Phe	Tyr	
76	65				70					75						

77 <210> SEQ ID NO: 6

78 <211> LENGTH: 78

79 <212> TYPE: PRT

80 <213> ORGANISM: Artificial Sequence

W--> 81 <220> FEATURE:

W--> 81 <223> OTHER INFORMATION:

W--> 81 <400> SEQUENCE: 6

82	Asp	Gly	Asn	Ser	Thr	Arg	Ser	Pro	Glu	Thr	Asn	Gly	Leu	Leu	Cys	Gly
83	1				5					10					15	

The type of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/857,815

DATE: 10/29/2001
TIME: 13:12:54

Input Set : A:\09-857,815-sequence listing.txt
Output Set: N:\CRF3\10292001\I857815.raw

```

84 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
85      20      25      30
86 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
87      35      40      45
88 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
89      50      55      60
90 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Leu Phe
91 65      70      75
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 77
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence Errored
W--> 96 <220> FEATURE:
W--> 96 <223> OTHER INFORMATION:
W--> 96 <400> SEQUENCE: 7
97 Asp Gly Asn Ser Thr Arg Ser Pro Glu Thr Asn Gly Leu Leu Cys Gly
98 1      5      10      15
99 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
100      20      25      30
101 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
102      35      40      45
103 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
104      50      55      60
105 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Leu
106 65      70      75
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 79
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
W--> 111 <220> FEATURE:
W--> 111 <223> OTHER INFORMATION:
W--> 111 <400> SEQUENCE: 8
112 Asp Gly Asn Ser Thr Arg Ser Pro Glu Thr Asn Gly Leu Leu Cys Gly
113 1      5      10      15
114 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
115      20      25      30
116 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
117      35      40      45
118 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
119      50      55      60
120 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp Phe Tyr
121 65      70      75
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 78
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence Errored
W--> 126 <220> FEATURE:
W--> 126 <223> OTHER INFORMATION:
W--> 126 <400> SEQUENCE: 9

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The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:54

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

```

127 Asp Gly Asn Ser Thr Arg Ser Pro Glu Thr Asn Gly Leu Leu Cys Gly
128 1 5 10 15
129 Asp Pro Glu Glu Asn Cys Ala Ala Thr Thr Thr Gln Ser Lys Arg Lys
130 20 25 30
131 Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys Ile Lys
132 35 40 45
133 Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys Val Cys
134 50 55 60
135 Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp Phe
136 65 70 75
137 <210> SEQ ID NO: 10
138 <211> LENGTH: 49
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
W--> 141 <220> FEATURE:
W--> 141 <223> OTHER INFORMATION:
W--> 141 <400> SEQUENCE: 10
142 Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys
143 1 5 10 15
144 Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys
145 20 25 30
146 Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Leu Phe
147 35 40 45
148 Tyr
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 48
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
W--> 153 <220> FEATURE:
W--> 153 <223> OTHER INFORMATION:
W--> 153 <400> SEQUENCE: 11
154 Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys
155 1 5 10 15
156 Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys
157 20 25 30
158 Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Leu Phe
159 35 40 45
160 <210> SEQ ID NO: 12
161 <211> LENGTH: 47
162 <212> TYPE: PRT
163 <213> ORGANISM: Artificial Sequence
W--> 164 <220> FEATURE:
W--> 164 <223> OTHER INFORMATION:
W--> 164 <400> SEQUENCE: 12
165 Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys
166 1 5 10 15
167 Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys
168 20 25 30
169 Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Leu

```

RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:54

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

```

170          35          40          45
171 <210> SEQ ID NO: 13
172 <211> LENGTH: 49
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial Sequence
W--> 175 <220> FEATURE:
W--> 175 <223> OTHER INFORMATION:
W--> 175 <400> SEQUENCE: 13
176 Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys
177 1          5          10          15
178 Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys
179          20          25          30
180 Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp Phe
181          35          40          45
182 Tyr
183 <210> SEQ ID NO: 14
184 <211> LENGTH: 48
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
W--> 187 <220> FEATURE:
W--> 187 <223> OTHER INFORMATION:
W--> 187 <400> SEQUENCE: 14
188 Arg Lys Gly His Phe Ser Arg Cys Pro Lys Gln Tyr Lys His Tyr Cys
189 1          5          10          15
190 Ile Lys Gly Arg Cys Arg Phe Val Val Ala Glu Gln Thr Pro Ser Cys
191          20          25          30
192 Val Cys Asp Glu Gly Tyr Ile Gly Ala Arg Cys Glu Arg Val Asp Phe
193          35          40          45
194 <210> SEQ ID NO: 15
195 <211> LENGTH: 231
196 <212> TYPE: DNA
197 <213> ORGANISM: Artificial Sequence
W--> 198 <220> FEATURE:
W--> 198 <223> OTHER INFORMATION:
W--> 198 <400> SEQUENCE: 15
C--> 199 gatgggaatt ccaccagaag tctgaaact aatggcctcc tctgtggaga ccctgaggaa 60
200 aactgtgcag ctaccaccac acaatcaaag cggaaaggcc acttctctag gtgcccgaag 120
201 caatacaagc attactgcat caaagggaga tgccgcttcg tgggtggccga gcagacgccc 180
202 tctgtgtgtc gtgatgaagg ctacattgga gcaaggtgtg agagagttga c 231
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 228
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
W--> 207 <220> FEATURE:
W--> 207 <223> OTHER INFORMATION:
W--> 207 <400> SEQUENCE: 16
C--> 208 gatgggaatt ccaccagaag tctgaaact aatggcctcc tctgtggaga ccctgaggaa 60
209 aactgtgcag ctaccaccac acaatcaaag cggaaaggcc acttctctag gtgcccgaag 120
210 caatacaagc attactgcat caaagggaga tgccgcttcg tgggtggccga gcagacgccc 180

```

VERIFICATION SUMMARY

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:55

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

L:3 M:283 W: Missing Blank Line separator, <120> field identifier
L:4 M:283 W: Missing Blank Line separator, <130> field identifier
L:5 M:270 C: Current Application Number differs, Replaced Current Application No
L:5 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:9 M:283 W: Missing Blank Line separator, <160> field identifier
L:10 M:283 W: Missing Blank Line separator, <210> field identifier
L:14 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:14 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:14 M:283 W: Missing Blank Line separator, <400> field identifier
L:29 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:29 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:29 M:283 W: Missing Blank Line separator, <400> field identifier
L:44 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:44 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:44 M:283 W: Missing Blank Line separator, <400> field identifier
L:55 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:55 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:55 M:283 W: Missing Blank Line separator, <400> field identifier
L:66 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:66 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:66 M:283 W: Missing Blank Line separator, <400> field identifier
L:81 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:81 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:81 M:283 W: Missing Blank Line separator, <400> field identifier
L:96 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:96 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:96 M:283 W: Missing Blank Line separator, <400> field identifier
L:111 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:111 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:111 M:283 W: Missing Blank Line separator, <400> field identifier
L:126 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:126 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:126 M:283 W: Missing Blank Line separator, <400> field identifier
L:141 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:141 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:141 M:283 W: Missing Blank Line separator, <400> field identifier
L:153 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:153 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:153 M:283 W: Missing Blank Line separator, <400> field identifier
L:164 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:164 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:164 M:283 W: Missing Blank Line separator, <400> field identifier
L:175 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:175 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:175 M:283 W: Missing Blank Line separator, <400> field identifier
L:187 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:187 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:187 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:55

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

L:198 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:198 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:198 M:283 W: Missing Blank Line separator, <400> field identifier
L:199 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=15
L:207 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:207 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:207 M:283 W: Missing Blank Line separator, <400> field identifier
L:208 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=16
L:216 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:216 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:216 M:283 W: Missing Blank Line separator, <400> field identifier
L:217 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=17
L:224 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:224 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:224 M:283 W: Missing Blank Line separator, <400> field identifier
L:225 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=18
L:232 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:232 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:232 M:283 W: Missing Blank Line separator, <400> field identifier
L:233 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=19
L:241 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:241 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:241 M:283 W: Missing Blank Line separator, <400> field identifier
L:242 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=20
L:250 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:250 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:250 M:283 W: Missing Blank Line separator, <400> field identifier
L:251 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=21
L:259 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:259 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:259 M:283 W: Missing Blank Line separator, <400> field identifier
L:260 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=22
L:268 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:268 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:268 M:283 W: Missing Blank Line separator, <400> field identifier
L:269 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=23
L:277 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:277 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:277 M:283 W: Missing Blank Line separator, <400> field identifier
L:278 M:112 C: (48) String data converted to lower case,

VERIFICATION SUMMARY

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:55

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

M:112 Repeated in SeqNo=24
L:285 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:285 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:285 M:283 W: Missing Blank Line separator, <400> field identifier
L:286 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=25
L:293 M:283 W: Missing Blank Line separator, <400> field identifier
L:294 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=26
L:301 M:283 W: Missing Blank Line separator, <400> field identifier
L:302 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=27
L:309 M:283 W: Missing Blank Line separator, <400> field identifier
L:310 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=28
L:317 M:283 W: Missing Blank Line separator, <400> field identifier
L:318 M:112 C: (48) String data converted to lower case,
L:323 M:283 W: Missing Blank Line separator, <400> field identifier
L:324 M:112 C: (48) String data converted to lower case,
L:329 M:283 W: Missing Blank Line separator, <400> field identifier
L:330 M:112 C: (48) String data converted to lower case,
L:335 M:283 W: Missing Blank Line separator, <400> field identifier
L:336 M:112 C: (48) String data converted to lower case,
L:341 M:283 W: Missing Blank Line separator, <400> field identifier
L:342 M:112 C: (48) String data converted to lower case,
L:347 M:283 W: Missing Blank Line separator, <400> field identifier
L:348 M:112 C: (48) String data converted to lower case,
L:353 M:283 W: Missing Blank Line separator, <400> field identifier
L:368 M:283 W: Missing Blank Line separator, <400> field identifier
L:369 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=36
L:376 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:376 M:283 W: Missing Blank Line separator, <400> field identifier
L:390 M:282 W: Numeric Field Identifier Missing, <212> is required.
L:390 M:283 W: Missing Blank Line separator, <400> field identifier
L:403 M:283 W: Missing Blank Line separator, <400> field identifier
L:404 M:112 C: (48) String data converted to lower case,
L:409 M:283 W: Missing Blank Line separator, <400> field identifier
L:410 M:112 C: (48) String data converted to lower case,
L:415 M:283 W: Missing Blank Line separator, <400> field identifier
L:416 M:112 C: (48) String data converted to lower case,
L:421 M:283 W: Missing Blank Line separator, <400> field identifier
L:422 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=42
L:430 M:283 W: Missing Blank Line separator, <400> field identifier
L:431 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=43
L:438 M:283 W: Missing Blank Line separator, <400> field identifier
L:451 M:283 W: Missing Blank Line separator, <400> field identifier

VERIFICATION SUMMARY

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,815

TIME: 13:12:55

Input Set : A:\09-857,815-sequence listing.txt

Output Set: N:\CRF3\10292001\I857815.raw

L:462 M:283 W: Missing Blank Line separator, <400> field identifier
L:479 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=47
L:489 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=48
L:497 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=49
L:505 M:112 C: (48) String data converted to lower case,